

Using the TI-83 or TI-84 for Regression

1. Enter the data into the calculator

- Choose the **[STAT]** key
- Choose [1.Edit] from the **[EDIT]** menu
- Enter the x -values into [L1]
- Enter the y -values into [L2]

L1	L2	L3	1
0	12		
1	-4		
2	-6		
4	12		
5	26		

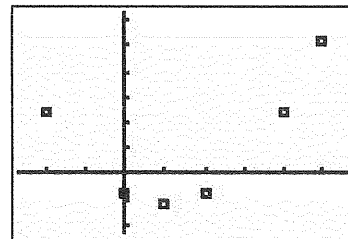
L1C1 = -2			

2. View the scatter plot

- Choose the **[Y=]** key
- Turn on [Plot1]

Plot1	Plot2	Plot3
✓Y1=		
✓Y2=		
✓Y3=		
✓Y4=		
✓Y5=		
✓Y6=		
✓Y7=		

- View the graph with **[GRAPH]**
- If you don't see all the points, choose **[ZOOM]** then [9.ZoomStat]



3. Get the equation

- Choose the **[STAT]** key
- Select **[CALC]** from the menu across the top
- Choose a regression from the list
- Press **[ENTER]** twice

EDIT	TESTS
1: 1-Var Stats	
2: 2-Var Stats	
3: Med-Med	
4: LinReg(ax+b)	
5: QuadReg	
6: CubicReg	
7: QuartReg	